



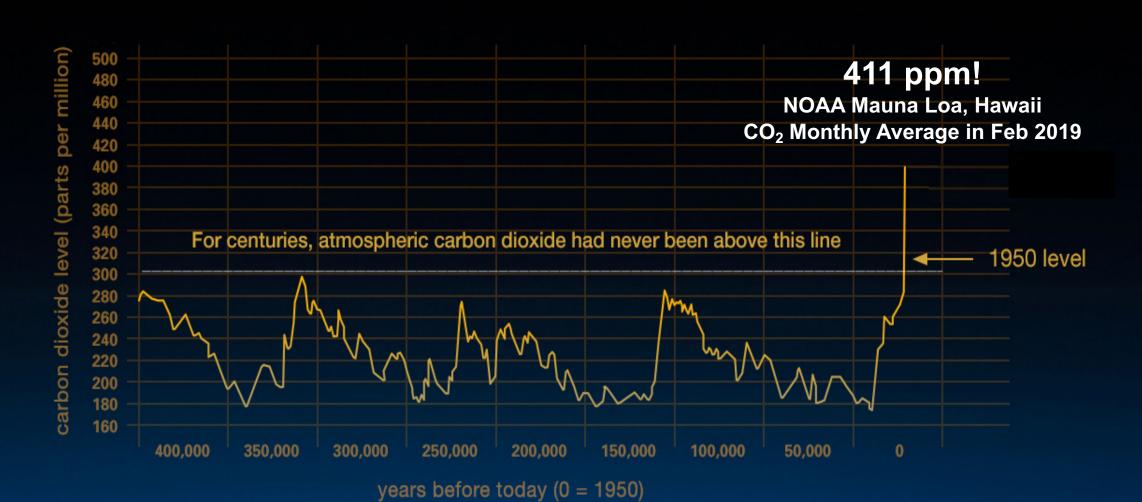
National Aeronautics and Space Administration
Jet Propulsion Laboratory
California Institute of Technology

### OCO-3 Launch

### 6:21 am EDT

Tomorrow morning, Thursday, 25 April 2019

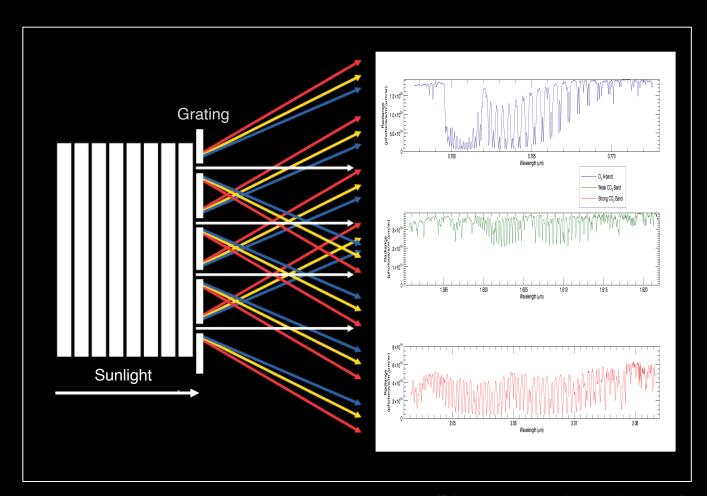
### The Long-Term Atmospheric Carbon Dioxide Data Record



## OCO-2 Free Flying Satellite



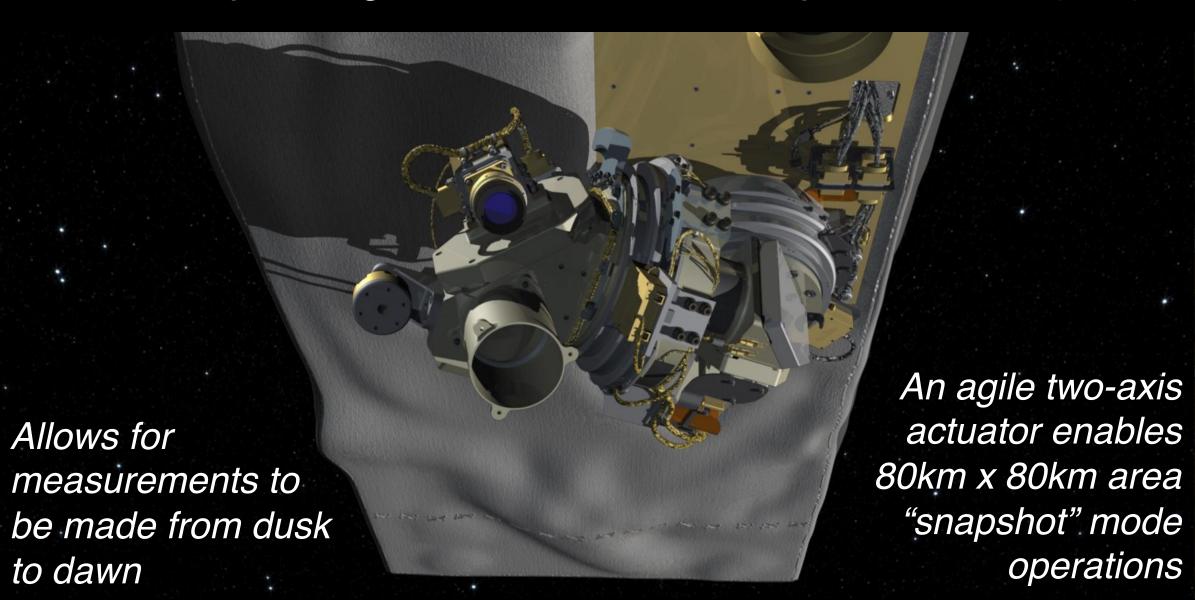
# Three-Channel Grating Spectrometer Think Prism



Atmospheric carbon dioxide levels are determined by examining the absorption lines in the solar spectra

Bonus data product – Solar-Induced Chlorophyll Fluorescence (SIF)

### OCO-3 Operating on the International Space Station (ISS)



#### Mission Timeline



Installation on the ISS: less than 2 weeks later

90-day In-Orbit Checkout (IOC) period

3-year nominal mission







# Carbon footprint Please join me and the others on the OCO-3 team as we take the next step in this important journey



[Image credit: NASA/JPL]



For more information please go to:

http://ocov3.jpl.nasa.gov